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EXAMINER

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ART UNIT PAPER NUMBER

2176

DATE MAILED: 11/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/401,382	HSU ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Almari Yuan	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 18 June 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. This action is responsive to communications: Amendments filed on 2/23/04 and 6/18/04.
2. Claims 1-26 are pending in the case. Claims 1, 7, 9, 18, 20, and 26 are independent claims.

#### ***Claim Rejections - 35 USC § 112***

3. Claim 20 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claim 20, the amended claimed feature “based on user-defined criteria” is not enabled in Applicant’s specification. Applicant is advised against the addition of new matter.

#### ***Claim Rejections - 35 USC § 101***

4. Claims 1-17 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 1-17 set forth non-functional descriptive material but fail to set forth physical structures or materials comprising of hardware or a combination of hardware and software within the technological arts (i.e. a computer) to produce a “useful, concrete and tangible” result. For example, Claims 1, 7, and 9, the “system” reads on a mental construct/abstract idea or at best a computer program, per se. The language such as “static hyperlinking”, “partial hyperlinking”, “dynamic hyperlinking”, “anchor generator”, “semi-link

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generator”, “source identifier”, “link management”, etc., does not clearly define structural elements and are not tangibly embodied on a computer readable medium. Claims 1-17 are interpreted as software per se, abstract ideas or mental construct and not tangibly embodied on a computer readable medium or hardware.

Furthermore, as defined by Applicant in the response filed on 2/23/04, claims 1-17 are directed to a system comprising a sequence of modules (page 12, 2<sup>nd</sup> paragraph). If the claimed terms “static hyperlinking”, “partial hyperlinking”, “dynamic hyperlinking”, “anchor generator”, “semi-link generator”, “source identifier”, “link management” are modules as defined by Applicant, the modules are software (page 12, 2<sup>nd</sup> paragraph), therefore, claims 1-17 are still directed towards non-statutory subject matter and is not tangibly embodied on a computer readable medium or hardware.

### ***Claim Objections***

5. Claim 18 is objected to because of the following informalities:

Regarding claim 18, the claim limitation “utilizing a document browser, said document browser for viewing and following links from one document to another” ends with a period, therefore, closing the claim before the last limitation “wherein the source and the source anchor support incremental hyperlinking and dynamic hyperlinking.”.

Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claim 1 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rodkin et al. (USPN 6,092,074 – filing date: 02/1998) in view of Liu et al. (USPN 5,794,257 – filing date 08/1998), and further in view of Foss et al. (USPN 5,404,534 issued on 04/1995).**

**Regarding independent claim 1, Rodkin discloses:**

A generalized automatic hyperlinking system comprising:

source-level partial hyperlinker (Rodkin on col. 6, lines 15-35: teaches finding best destination address for linkage);

source-level dynamic hyperlinker (Rodkin on col. 2, lines 42-58 and col. 3, lines 26-34: teaches dynamic linking);

static hyperlinker for automatically generating static hyperlinks (Rodkin on col. 2, lines 17-29 and lines 42-58: teaches static linking and also see Abstract and on col. 3, lines 35-44 teaches automatically providing hypertext for character strings and control the destination of the previously static links).

However, Rodkin does not explicitly disclose, “intermediate links” and “incremental hyperlinker”.

Liu et al. (Liu) on col. 4, line 62- col. 5, lines 4: teaches chain links (intermediate links) and on col. 2, lines 6-14: teaches hyperlink incrementally.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin to provide a way to chain links and link incrementally, as taught by Liu, incorporated into the hyperlinking process of a document, as taught by Rodkin, in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

However, Rodkin and Liu do not explicitly disclose “source identifier and a source anchor generator support the application of the incremental hyperlinker and the source-level dynamic hyperlinker on document objects at different hyperlinking stages”.

Foss et al. (Foss) discloses a source identifier and a source anchor generator to support hyperlinking on col. 1, lines 39-44 teaches navigation links also called hypertext link is a bridge between anchors; on col. 7, lines 30-53 and col. 8, lines 57-62 teaches source anchor identifier; on col. 5, lines 19-26 teaches managing a plurality of links, linking a plurality of anchors managed and manipulated by an anchor maker process (anchor generator to support hypertext links); and col. 12, lines 31-47 teaches source anchor. Furthermore, Foss on col. 5, lines 22-32 teaches the links and anchors are managed and manipulated as objects and have object types that define object operations for objects of the particular object types and on col. 6, lines 31-47 discloses link maker processes (different hyperlinking stages).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Foss into Rodkin and Liu to provide a way to manage a plurality of links by using source anchor identifier and anchor maker process, as taught by Foss, incorporated into the hyperlinking process, as taught by Rodkin and Liu, in order to facilitate the creation and management of links.

8. **Claims 2-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rodkin et al in view of Liu et al., and further in view of Foss et al., and further in view of Chang (USPN 5,694,594 – issued on 12/1997).**

**Regarding dependent claim 2**, Rodkin, Liu, and Foss disclose the invention substantially as claimed as described *supra*. Rodkin discloses:

wherein said source-level partial hyperlinker comprises: an initial semi-link generator (Rodkin on col. 6, lines 15-35: teaches finding best destination address for linkage).

However, Rodkin do not explicitly disclose “link manager”.

Chang on col. 6, lines 25-51: teaches link manager.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link manager, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 3**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. Chang discloses:

a link browser for interpreting hyperlinks that have been fully or partially generated (Chang on col. 3, line 62 – col. 4, line 7: teaches link browsing and on col. 6, lines 17-65: teaches all generated links are transferred to the link manager to be displayed to user’s computer; the user reviews the contents of the links (link browsing by the user and when the links are displayed to the user they are interpreted as fully generated); and

a document browser (Chang on col. 3, line 62 - col. 4, line 7: teaches document browser).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link browser and document browser, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 4**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. However, Liu discloses:

an intermediate destination identifier (Liu on col. 4, line 62- col. 5, lines 4: teaches chain links (intermediate links) from identifying destination);

a destination identifier (Foss on col. 8, lines 57-62 teaches: destination anchor identifier).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a way to chain links and identifying the destination, as taught by Liu, incorporated into the hyperlinking process of a document, as taught by Rodkin-Foss-Chang, in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

However, Rodkin, Liu, and Foss do not explicitly disclose “final link generator”.

Chang on col. 6, lines 52-65: teaches final link generation.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide final link generation, as taught by Chang, incorporated into the hyperlinking process, as taught by Rodkin-Liu-Foss in order to interactively complete the generation of links.



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**Regarding dependent claim 5**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. Liu discloses:

an intermediate anchor generator (Liu on col. 4, line 62- col. 5, lines 4: teaches generating chain links (intermediate links) which link my comprise anchor);

an intermediate link generator (Liu on col. 4, line 62- col. 5, lines 4: teaches generating chain links (intermediate links)).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a way to generate chain links with anchors, as taught by Liu, incorporated into the hyperlinking process, as taught by Rodkin-Foss-Chang in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

**Regarding dependent claim 6**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. Chang discloses:

a link database (Chang on col. 9, lines 50-56: teaches link database).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link database for storing links, as taught by Chang, incorporated into the hyperlinking process, as taught by Rodkin-Liu-Foss which will provide an efficient hypertext system associating hypertext links with stored attributes.

**Regarding independent claim 7**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. Rodkin discloses:

A generalized automatic hyperlinking system comprising:

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an initial semi-link generator (Rodkin on col. 6, lines 15-35: teaches finding best destination address for linkage); and

a source identifier and a source anchor generator support hyperlinking (Foss on col. 1, lines 39-44 teaches navigation links also called hypertext link is a bridge between anchors; on col. 7, lines 30-53 and col. 8, lines 57-62 teaches source anchor identifier; on col. 5, lines 19-26 teaches managing a plurality of links, linking a plurality of anchors managed and manipulated by an anchor maker process (anchor generator to support hypertext links); and col. 12, lines 31-47 teaches source anchor).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Foss into Rodkin-Liu-Chang to provide a way to manage a plurality of links by using source anchor identifier and anchor maker process, as taught by Foss, incorporated into the hyperlinking process, as taught by Rodkin-Liu-Chang, in order to facilitate the creation and management of links.

However, Rodkin-Liu-Foss do not explicitly disclose "link manager".

Chang on col. 6, lines 25-51: teaches link manager.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link manager, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 8**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. However, Chang discloses:

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a link browser for interpreting hyperlinks that have been fully or partially generated (Chang on col. 3, line 62 – col. 4, line 7: teaches link browsing and on col. 6, lines 17-65: teaches all generated links are transferred to the link manager to be displayed to user's computer; the user reviews the contents of the links (link browsing by the user and when the links are displayed to the user they are interpreted as fully generated); and

a document browser (Chang on col. 3, line 62 - col. 4, line 7: teaches document browser).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link browser and document browser, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding independent claim 9**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. However, Foss discloses:

A generalized automatic hyperlinking system comprising:

a source identifier and a source anchor generator support hyperlinking (Foss on col. 1, lines 39-44 teaches navigation links also called hypertext link is a bridge between anchors; on col. 7, lines 30-53 and col. 8, lines 57-62 teaches source anchor identifier; on col. 5, lines 19-26 teaches managing a plurality of links, linking a plurality of anchors managed and manipulated by an anchor maker process (anchor generator to support hypertext links); and col. 12, lines 31-47 teaches source anchor).

an intermediate destination identifier (Liu on col. 4, line 62- col. 5, lines 4: teaches chain links (intermediate links) from identifying destination);

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a destination identifier (Foss on col. 8, lines 57-62 teaches: destination anchor identifier).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a way to generate chain links with anchors, as taught by Liu, incorporated into the hyperlinking process, as taught by Rodkin-Foss-Chang in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

However, Rodkin, Liu, and Foss do not explicitly disclose “final link generator”. Chang on col. 6, lines 52-65: teaches final link generation.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide final link generation, as taught by Chang, incorporated into the hyperlinking process, as taught by Rodkin-Liu-Foss in order to interactively complete the generation of links.

However, Rodkin, Liu, and Foss do not explicitly disclose “link manager”.

Chang on col. 6, lines 25-51: teaches link manager.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link manager, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 10**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. However, Liu discloses:

an intermediate anchor generator (Liu on col. 4, line 62- col. 5, lines 4: teaches generating chain links (intermediate links) which link my comprise anchor);

an intermediate link generator (Liu on col. 4, line 62- col. 5, lines 4: teaches generating chain links (intermediate links)).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a way to generate chain links with anchors, as taught by Liu, incorporated into the hyperlinking process, as taught by Rodkin-Foss-Chang in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

**Regarding dependent claim 11**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. However, Chang discloses “link manager”:

Chang on col. 6, lines 25-51: teaches link manager.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link manager, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 12**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. However, Chang discloses:

a link database (Chang on col. 9, lines 50-56: teaches link database).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link database for storing links during the automatic hyperlinking process of a document which will provide an efficient hypertext system associating hypertext links with stored attributes.

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**Regarding dependent claim 13**, Rodkin, Liu, Foss, and Chang disclose the claimed invention substantially as described *supra*. However, Rodkin discloses:

an initial, intermediate, and final semi-link generator (Rodkin on col. 6, lines 15-35: teaches finding best destination address for linkage to generate linkable character string).

**Regarding dependent claim 14**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. Chang discloses:

a link browser for interpreting hyperlinks that have been fully or partially generated (Chang on col. 3, line 62 – col. 4, line 7: teaches link browsing and on col. 6, lines 17-65: teaches all generated links are transferred to the link manager to be displayed to user's computer; the user reviews the contents of the links (link browsing by the user and when the links are displayed to the user they are interpreted as fully generated)).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link browsing, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 15**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. Chang discloses:

a document browser (Chang on col. 3, line 62 - col. 4, line 7: teaches document browser).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a document browser, as taught by Chang, incorporated into hyperlink generation system, as taught by

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Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

**Regarding dependent claim 16**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. However, Rodkin, Foss, and Chang do not explicitly disclose “link interpreter”.

Liu on col. 2, lines 65-67: teaches link interpreter.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a link interpreter, as taught by Liu, incorporated into the hyperlink generation system, as taught by Rodkin-Foss-Chang, in order to perform proper actions when user clicks on a hyperlink.

**Regarding independent claim 18**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. Chang discloses:

Chang discloses “a document browser for viewing and following links from one document to another” on col. 3, line 62- col. 4, line 7 allows the user to browse through hypermedia documents wherein each hypermedia document with have link that will to another document.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link browser and document browser, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

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**Regarding independent claim 20**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. However, Liu discloses:

identifying an intermediate destination based on user-defined criteria (Liu on col. 4, line 62- col. 5, lines 4: teaches chain links (intermediate links) from identifying destination and on col. 3, lines 9-38 teaches the user can be involved in the creation of hyperlinked manuals and on col. 7, lines 34-36 teaches user defined tags);

identifying a destination based on user-defined criteria (Foss on col. 8, lines 57-62 teaches: destination anchor identifier and on col. 19, lines 20-34 teaches a link record with fields that shows the destination anchor of the link).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Liu into Rodkin-Foss-Chang to provide a way to chain links and identifying the destination, as taught by Liu, incorporated into the hyperlinking process of a document, as taught by Rodkin-Foss-Chang, in order to enhance the creation of hyperlinks in an automatic hyperlinking system.

**Regarding claims 17, 19, and 21-25**, the limitations of claims 17, 19, and 21- 25 are a method for processing in the system of claims 2 -16 and are rejected under the same rationale.

**Regarding independent claim 26**, Rodkin, Liu, Foss, and Chang disclose the invention substantially as claimed as described *supra*. Chang discloses:

a link browser invoking the means for link interpretation for determining actions to be taken when a link is selected (Chang on col. 3, line 62 – col. 4, line 7: teaches link browsing and on col. 6, lines 17-65: teaches all generated links are transferred to the link manager to be displayed to user's computer; the user reviews the contents of the links. Furthermore, Chang



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teaches that the user selects a link icon and reviews its contents to determine if the link's parameters needs to be changed (col. 6, lines 52-58)).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Chang into Rodkin-Liu-Foss to provide a link browser and document browser, as taught by Chang, incorporated into hyperlink generation system, as taught by Rodkin-Liu-Foss in order to facilitate the user to interactively and dynamically perform link generation.

#### ***Response to Arguments***

9. Applicant's arguments filed 2/23/04 have been fully considered but they are not persuasive

Regarding Applicant's remarks on page 12:

Referring to 35 U.S.C. 101 rejection, Claims 1-17 are still interpreted as software per se, abstract ideas or mental construct and are not tangibly embodied on a computer readable medium or hardware. See 101 rejection (item 3) above with regards to Applicant's amendment and remarks.

Regarding Applicant's remarks on page 13:

Applicant argues that Rodkin, Liu, and Foss does not teach or suggest amended feature "...automatically generating static hyperlinks".

Rodkin does disclose "automatically generating static hyperlinks" on col. 2, lines 17-29 and lines 42-58: teaches static linking and also see Abstract and on col. 3, lines 35-44 teaches

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automatically providing hypertext for character strings and control the destination of the previously static links.

Applicant argues that Foss does not teach or suggest the amended feature "...the source-level dynamic hyperlinker on document objects at different hyperlinking stages".

Foss teaches the links and anchors are managed and manipulated as objects (col. 5, lines 19-32) and on col. 6, lines 31-47 discloses link maker processes (different hyperlinking stages). Regarding Applicant's remarks on page 15:

Applicant argues that Rodkin, Liu, Foss, and Chang does not teach or suggest "document browser for viewing and following links from one document to another", the "document browser" was addressed in claims 3, 8, and 15. The "document browser" of Chang on col. 3, line 62- col. 4, line 7 allows the user to browse through hypermedia documents wherein each hypermedia document with have link that will to another document.

Regarding Applicant's remarks on page 15:

Applicant argues that Rodkin, Liu, Foss and Chang does not teach and suggest the amended feature "...user-defined criteria". The Examiner has addressed this added limitation in claim 20 above. Furthermore, this amended feature has been rejected under 112 2<sup>nd</sup> paragraph because the Examiner did not find support for the amended feature in Applicant's specification.

Regarding Applicant's remarks on page 16:

Applicant argues that Rodkin, Liu, Foss, and Chang does not teach and suggest the amended feature "said link browser invoking the means for link interpretation for determining actions to be taken when a link is selected". The Examiner has addressed this added limitation in claim 26 above.

***Conclusion***

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Almari Yuan whose telephone number is 571-272-4104. The examiner can normally be reached on Mondays - Fridays (8:30am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild, can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AY  
November 22, 2004

  
**JOSEPH FEILD**  
**SUPERVISORY PATENT EXAMINER**